

## ABSTRACT

A system (100) and method for expediting the repair of a locomotive (102) having sustained damage (104) as a result of a collision. A library of as-built parts information (114) is manipulated to define a plurality of repair kits (110) each containing all of the parts necessary to repair the damage expected from a predefined collision event. A particular repair kit may be selected by a user in response to an actual collision to obtain a listing of the parts (308), a cost estimate (318) and a delivery forecast (320). All of the necessary parts may then be ordered as a unit and delivered to a repair location (106) in a single shipment, thereby minimizing the chance of missing or misplaced parts. The system may be accessed via an information network, and the selection of specific repair kit may be facilitated by the use of a graphical user interface to point-and-click on the damaged regions of the locomotive.

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